

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	"6800413"	US-PGPUB; USPAT	OR	OFF	2008/05/09 18:19
S1	7844	silica powder	US-PGPUB; USPAT	ADJ	ON	2007/12/12 10:30
S2	285	S1 near hydrophobic	US-PGPUB; USPAT	ADJ	ON	2007/12/12 10:31
S3	0	S2 near dispersable	US-PGPUB; USPAT	ADJ	ON	2007/12/12 10:36
S4	0	S2 same dispersable	US-PGPUB; USPAT	ADJ	ON	2007/12/12 10:36
S5	11	S2 and dispersable	US-PGPUB; USPAT	ADJ	ON	2007/12/12 10:36
S6	4	S2 near dispers\$	US-PGPUB; USPAT	ADJ	ON	2007/12/12 10:37
S7	53	S2 same dispers\$	US-PGPUB; USPAT	ADJ	ON	2007/12/12 10:38
S8	0	S7 same transmittance	US-PGPUB; USPAT	ADJ	ON	2007/12/12 10:38
S9	4	S7 and transmittance	US-PGPUB; USPAT	ADJ	ON	2007/12/12 10:38
S10	3	S2 near hydrophobicity	US-PGPUB; USPAT	ADJ	ON	2007/12/12 10:41
S11	10	S2 same hydrophobicity	US-PGPUB; USPAT	ADJ	ON	2007/12/12 10:42
S12	2	hydrophobicity and tribelectrostat\$ and iron and silica	US-PGPUB; USPAT	ADJ	ON	2007/12/12 10:45
S13	8	hydrophobic\$ and tribelectrostat\$ and iron and silica	US-PGPUB; USPAT	ADJ	ON	2007/12/12 10:46
S14	3	alcoholic dispersion liquid	US-PGPUB; USPAT	ADJ	ON	2007/12/12 10:52
S15	1163	alcohol\$ near dispersion	US-PGPUB; USPAT	ADJ	ON	2007/12/12 10:53
S16	1	S15 near transmittance	US-PGPUB; USPAT	ADJ	ON	2007/12/12 10:53
S17	4	S15 same transmittance	US-PGPUB; USPAT	ADJ	ON	2007/12/12 10:53
S18	112	S15 and transmittance	US-PGPUB; USPAT	ADJ	ON	2007/12/12 10:55
S19	80	S18 and silica	US-PGPUB; USPAT	ADJ	ON	2007/12/12 10:55

S20	131	S15 same silica	US-PGPUB; USPAT	ADJ	ON	2007/12/12 10:55
S21	26	S15 near silica	US-PGPUB; USPAT	ADJ	ON	2007/12/12 10:55
S22	3	S21 and transmittance	US-PGPUB; USPAT	ADJ	ON	2007/12/12 10:55
S23	29	S20 and transmittance	US-PGPUB; USPAT	ADJ	ON	2007/12/12 10:56
S24	427158	silica	US-PGPUB; USPAT	ADJ	ON	2008/01/07 17:23
S25	595010	powder	US-PGPUB; USPAT	ADJ	ON	2008/01/07 17:23
S26	59519	dispersible	US-PGPUB; USPAT	ADJ	ON	2008/01/07 17:23
S27	203927	hydrophobic	US-PGPUB; USPAT	ADJ	ON	2008/01/07 17:23
S28	45727	hydrophobicity	US-PGPUB; USPAT	ADJ	ON	2008/01/07 17:23
S29	17	triboelectrostatic charge	US-PGPUB; USPAT	ADJ	ON	2008/01/07 17:23
S30	10580	S24 near S25	US-PGPUB; USPAT	ADJ	ON	2008/01/07 17:24
S31	291	S30 near S27	US-PGPUB; USPAT	ADJ	ON	2008/01/07 17:24
S32	3	S31 near S26	US-PGPUB; USPAT	ADJ	ON	2008/01/07 17:24
S33	4	S31 same S26	US-PGPUB; USPAT	ADJ	ON	2008/01/07 17:24
S34	26	S31 and S26	US-PGPUB; USPAT	ADJ	ON	2008/01/07 17:24
S35	11	S29 and silica	US-PGPUB; USPAT	ADJ	ON	2008/01/07 17:25
S36	1	S35 and S28	US-PGPUB; USPAT	ADJ	ON	2008/01/07 17:25
S37	10580	S24 near S25	US-PGPUB; USPAT	ADJ	ON	2008/01/07 17:33
S38	4	S37 near S26	US-PGPUB; USPAT	ADJ	ON	2008/01/07 17:33
S39	291	S37 near S27	US-PGPUB; USPAT	ADJ	ON	2008/01/07 17:36
S40	57	S39 and S28	US-PGPUB; USPAT	ADJ	ON	2008/01/07 17:36
S41	10	S39 same S28	US-PGPUB; USPAT	ADJ	ON	2008/01/07 17:36
S42	12	(*4702986"   "4857432"   "5041351").PN. OR ("5480755").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/07 17:46

S43	17	(US-20030152506-\$ or US-20050221054-\$ or US-20020172827-\$) did or (US-5480755-\$ or US-5486420-\$ or US-4725521-\$ or US-5565967-\$ or US-5565966-\$ or US-6063830-\$ or US-4930879-\$ or US-5409965-\$ or US-6945646-\$ or US-7083770-\$ or US-6537665-\$ or US-5900315-\$ or US-5989770-\$ or US-5989768-\$).did.	US-PGPUB; USPAT	ADJ	ON	2008/01/08 13:34
S44	5	S43 and silica and triboelectrostatic and hydrophobic	US-PGPUB; USPAT	ADJ	ON	2008/01/08 13:34
S45	7877	silica powder	US-PGPUB; USPAT	ADJ	ON	2008/01/08 13:39
S46	287	S45 near hydrophobic	US-PGPUB; USPAT	ADJ	ON	2008/01/08 13:39
S47	287	S46	US-PGPUB; USPAT	ADJ	ON	2008/01/08 13:39
S48	14	S45 near hydrophobicity	US-PGPUB; USPAT	ADJ	ON	2008/01/08 13:40
S49	747	S45 same (hydrophobicity or hydrophobic)	US-PGPUB; USPAT	ADJ	ON	2008/01/08 13:49
S50	21	S49 same (triboelectric or triboelectrostatic)	US-PGPUB; USPAT	ADJ	ON	2008/01/08 13:49
S51	2115	S45 and (hydrophobicity or hydrophobic)	US-PGPUB; USPAT	ADJ	ON	2008/01/08 13:56
S52	318	S51 and (triboelectric or triboelectrostatic)	US-PGPUB; USPAT	ADJ	ON	2008/01/08 13:57
S53	295	S52 and iron	US-PGPUB; USPAT	ADJ	ON	2008/01/08 13:57
S54	122	S53 and decomposition	US-PGPUB; USPAT	ADJ	ON	2008/01/08 13:57
S55	23	S54 and transmittance	US-PGPUB; USPAT	ADJ	ON	2008/01/08 13:57
S56	14	"3924029"	US-PGPUB; USPAT	OR	OFF	2008/05/08 12:00
S57	30	"4640882"	US-PGPUB; USPAT	OR	OFF	2008/05/08 12:07
S58	14	"3924029"	US-PGPUB; USPAT	OR	OFF	2008/05/08 16:30
S59	0	"10880601"	US-PGPUB; USPAT	OR	OFF	2008/05/08 17:06
S60	10358	amano	US-PGPUB; USPAT	OR	OFF	2008/05/08 17:06

S61	0	S60 and 10/880,601	US-PGPUB; USPAT	OR	OFF	2008/05/08 17:07
S62	0	S60 and "10/880,601"	US-PGPUB; USPAT	OR	OFF	2008/05/08 17:07
S63	0	S60 and "10880601"	US-PGPUB; USPAT	OR	OFF	2008/05/08 17:07
S64	0	S60 and "10/880601"	US-PGPUB; USPAT	OR	OFF	2008/05/08 17:07
S65	0	S60 and "10880,601"	US-PGPUB; USPAT	OR	OFF	2008/05/08 17:07
S66	0	S60 and "880601"	US-PGPUB; USPAT	OR	OFF	2008/05/08 17:07
S67	0	S60 and "255475"	US-PGPUB; USPAT	OR	OFF	2008/05/08 17:07
S68	0	"880601".AY.	US-PGPUB; USPAT	OR	OFF	2008/05/08 17:10
S69	0	"880601".FY.	US-PGPUB; USPAT	OR	OFF	2008/05/08 17:10
S70	1712	"20040701".FD.	US-PGPUB; USPAT	OR	OFF	2008/05/08 17:10
S71	0	S70 and amano	US-PGPUB; USPAT	OR	OFF	2008/05/08 17:10
S72	2	"20030027896"	US-PGPUB; USPAT	OR	OFF	2008/05/08 17:13
S73	3	"6573018"	US-PGPUB; USPAT	OR	OFF	2008/05/08 17:48
S74	1	"20060154994"	US-PGPUB; USPAT	OR	OFF	2008/05/08 17:53
S75	12	"5843525"	US-PGPUB; USPAT	OR	OFF	2008/05/08 17:54
S76	1	"6352679"	US-PGPUB; USPAT	OR	OFF	2008/05/08 17:56
S77	3	"6620508"	US-PGPUB; USPAT	OR	OFF	2008/05/08 17:58
S78	2	"7109256"	US-PGPUB; USPAT	OR	OFF	2008/05/08 18:01
S79	47350	hydrophobicity	US-PGPUB; USPAT	OR	OFF	2008/05/09 09:37
S80	690095	"triboelectrostatic charge" or "charge electricity" or triboelectrostatic or charge	US-PGPUB; USPAT	OR	OFF	2008/05/09 09:38
S81	433214	"high dispersible hydrophobic fine silica powder" or "silica powder" or "fine silica powder" or silica	US-PGPUB; USPAT	OR	OFF	2008/05/09 09:39

S82	222556	hydrophobicity or hydrophobic	US-PGPUB; USPAT	OR	OFF	2008/05/09 09:39
S83	6405	S82 near silica	US-PGPUB; USPAT	OR	OFF	2008/05/09 09:39
S84	6364	hydrophobic near silica	US-PGPUB; USPAT	OR	OFF	2008/05/09 09:40
S85	301	S84 same hydrophobicity	US-PGPUB; USPAT	OR	OFF	2008/05/09 09:40
S86	217	S85 and S80	US-PGPUB; USPAT	OR	OFF	2008/05/09 09:40
S87	53	S86 and transmittance	US-PGPUB; USPAT	OR	OFF	2008/05/09 09:40
S88	34	S87 and ("BET" or "specific surface area" or "surface area")	US-PGPUB; USPAT	OR	OFF	2008/05/09 09:40
S89	44	("3942979"   "3969251"   "4122024"   "4284701"   "4299900"   "4554234"   "4592987"   "4640601"   "4816365"   "4824752"   "4935325"   "4939060"   "4957840").PN. OR ("5137796").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/09 10:03
S90	690929	"triboelectrostatic charge" or "charge electricity" or triboelectrostatic or charge or triboelectric or "triboelectric charge" or triboelectricity or triboelectrically	US-PGPUB; USPAT	OR	OFF	2008/05/09 10:15
S91	18225	S82 same silica	US-PGPUB; USPAT	OR	OFF	2008/05/09 10:15
S92	17675	hydrophobic same silica	US-PGPUB; USPAT	OR	OFF	2008/05/09 10:15
S93	3465	S92 and hydrophobicity	US-PGPUB; USPAT	OR	OFF	2008/05/09 10:16
S94	2079	S93 and S90	US-PGPUB; USPAT	OR	OFF	2008/05/09 10:16
S95	236	S94 and transmittance	US-PGPUB; USPAT	OR	OFF	2008/05/09 10:17
S96	192	S95 and ("BET" or "specific surface area" or "surface area")	US-PGPUB; USPAT	OR	OFF	2008/05/09 10:17
S97	21	S96 and ("fluidized bed" or "fluid bed" or "fluidized bed type" or "fluid bed type")	US-PGPUB; USPAT	OR	OFF	2008/05/09 10:18

S99	10347	"triboelectrostatic charge" or "charge electricity" or triboelectrostatic or triboelectric or "triboelectric charge" or triboelectricity or triboelectrically	US-PGPUB; USPAT	OR	OFF	2008/05/09 11:36
S100	396	S93 and S99	US-PGPUB; USPAT	OR	OFF	2008/05/09 11:36
S101	104	S100 and transmittance	US-PGPUB; USPAT	OR	OFF	2008/05/09 11:37
S102	7	S101 and ("fluidized bed" or "fluid bed" or "fluidized bed type" or "fluid bed (type")	US-PGPUB; USPAT	OR	OFF	2008/05/09 11:37
S103	95	S101 and ("BET" or "specific surface area" or "surface area")	US-PGPUB; USPAT	OR	OFF	2008/05/09 11:37
S104	7	S103 and ("fluidized bed" or "fluid bed" or "fluidized bed type" or "fluid bed (type")	US-PGPUB; USPAT	OR	OFF	2008/05/09 11:37
S105	0	("2006/0067867").URPN.	USPAT	OR	OFF	2008/05/09 11:40
S106	33	S89 and S99	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/09 12:30
S107	1145	423/335.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/09 16:01
S108	208090	"triboelectrostatic charge" or "charge electricity" or triboelectrostatic or triboelectric or "triboelectric charge" or triboelectricity or triboelectrically or electrostatic	US-PGPUB; USPAT	OR	OFF	2008/05/09 16:01
S109	208090	"triboelectrostatic charge" or "charge electricity" or triboelectrostatic or triboelectric or "triboelectric charge" or triboelectricity or triboelectrically or electrostatic or "electrostatic charge"	US-PGPUB; USPAT	OR	OFF	2008/05/09 16:02
S110	54	S107 and S109	US-PGPUB; USPAT	OR	OFF	2008/05/09 16:02
S111	24	S110 and (hydrophobicity or hydrophobic)	US-PGPUB; USPAT	OR	OFF	2008/05/09 16:02

S112	434776	"BET" or "specific surface area" or "surface area"	US-PGPUB; USPAT	OR	OFF	2008/05/09 16:03
S113	54992	"fluidized bed" or "fluid bed" or "fluidized bed type" or "fluid bed type" or "fluidized-bed" or "fluid-bed"	US-PGPUB; USPAT	OR	OFF	2008/05/09 16:03
S114	22	S111 and S112	US-PGPUB; USPAT	OR	OFF	2008/05/09 16:04
S115	7	S114 and S113	US-PGPUB; USPAT	OR	OFF	2008/05/09 16:04

5/ 9/ 2008 6:26:23 PM

C:\Documents and Settings\shanor\My Documents\EAST\Workspaces\\10540002hydrophobicSilica.wsp